

TITLE

## PHYTIC ACID BIOSYNTHETIC ENZYMES

ABSTRACT OF THE DISCLOSURE

This invention relates to an isolated nucleic acid fragment encoding a phytic acid biosynthetic enzyme. The invention also relates to the construction of a chimeric gene encoding all or a portion of the phytic acid biosynthetic enzyme, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the phytic acid biosynthetic enzyme in a transformed host cell.

10

15

20

25

30

35

TMR/dmm